



SEVERE WEATHER BULLETIN #19

FOR: TYPHOON "BISING" (SURIGAE)

TROPICAL CYCLONE: WARNING

ISSUED AT 5:00 AM, 21 April 2021

(Valid for broadcast until the next bulletin to be issued at 11 AM today)

TYPHOON "BISING" MOVES NORTH-NORTHWESTWARD OVER THE PHILIPPINE SEA EAST OF MAINLAND CAGAYAN VALLEY.

Hazards affecting land areas

Severe Winds:

- Tropical cyclone winds of at least strong breeze to near gale in strength extend outward up to 440 km from the center of the typhoon. Destructive typhoon-force winds extend outward up to 90 km from the center of the typhoon.
- In the next 24 hours, the northeasterly wind flow enhanced by the typhoon will also bring strong breeze to near gale conditions with higher gusts over the coastal and mountainous areas of Northern Luzon that are not under any Tropical Cyclone Wind Signal.

Hazards affecting coastal waters

In the next 24 hours, under the influence of Typhoon "BISING" and an enhanced northeasterly wind flow, the following sea conditions will be experienced over the coastal waters of the country:

- Rough to high seas will be experienced over the northern and eastern seaboard of Luzon (2.5 to 9.0 m). Sea travel is risky for all types of seacrafts over these waters.
- Rough to very rough seas over the western seaboard of Northern Luzon (2.8 to 4.5 m) and the northern and eastern seaboard of Northern Samar (2.5 to 4.5 m). Sea travel is risky for small seacrafts over these waters. Mariners without the proper experience should immediately seek safe harbor.
- Moderate to rough seas over the western seaboard of Central Luzon, the remaining eastern seaboard of Eastern Visayas, and the eastern seaboard of Mindanao (1.5 to 3.0 m). Mariners of small seacrafts are advised not to venture out over these waters. Inexperienced mariners of these vessels should avoid navigating in these conditions.

Track and Intensity Outlook

- On the forecast track, Typhoon "BISING" will move generally northward or north northwestward until tonight or tomorrow (22 April) early morning, when the typhoon will be nearest to the landmass of Northern Luzon. Afterwards, the typhoon will move northeastward away from the landmass throughout tomorrow and east northeastward on Friday (23 April) and Saturday (24 April). The typhoon is forecast to exit the Philippine Area of Responsibility on Saturday evening or Sunday (25 April) morning.
- "BISING" is forecast to gradually weaken throughout the remainder of the forecast period. The typhoon will likely be downgraded to severe tropical storm category by Saturday and tropical storm category by Sunday.

Prepared by:



RPG

Checked by:



SFD



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Location of eye/center	At 4:00 AM today, the center of the eye of Typhoon "BISING" was located based on all available data at 395 km East of Tuguegarao City, Cagayan (17.2°N, 125.4°E) .	<p style="text-align: center;">Track of Typhoon "BISING" {SURIGAE}</p> <p style="text-align: center;">Philippine Atmospheric Geophysical and Astronomical Services Administration</p>
Strength	Maximum sustained winds of 175 km/h near the center and gustiness of up to 215 km/h .	
Movement	Moving North Northwestward at 15 km/h .	
Forecast Positions	<ul style="list-style-type: none"> • 24 Hour (Tomorrow morning): 330 km East of Calayan, Cagayan (18.9°N, 124.6°E) • 48 Hour (Friday morning): 440 km East of Basco, Batanes (20.8°N, 126.2°E) • 72 Hour (Saturday morning): 900 km East Northeast of Extreme Northern Luzon (OUTSIDE PAR) (21.9°N, 130.5°E) • 96 Hour (Sunday morning): 1,445 km East of Extreme Northern Luzon (OUTSIDE PAR) (21.7°N, 135.8°E) • 120 Hour (Monday morning): 2,160 km East Northeast of Extreme Northern Luzon (OUTSIDE PAR) (24.0°N, 142.6°E) 	

TROPICAL CYCLONE WIND SIGNAL

TCWS	Luzon	Visayas	Mindanao	Impacts of the wind
2 (61-120 km/h winds prevailing or expected in 24 hours)	The eastern portion of Cagayan (Santa Ana, Gonzaga, Baggao, Gattaran, Lal-Lo, Peñablanca, Santa Teresita, Buguey) and the eastern portion of Isabela (Maconacon, Divilacan, Palanan)	-	-	<ul style="list-style-type: none"> • Light to Moderate damage to high risk structures; • Very light to light damage to medium-risk structures; • No damage to very light damage to low risk structures • Unshielded, old dilapidated schoolhouses, makeshift shanties, and other structures of light materials are partially damaged or unroofed. • A number of nipa and cogon houses may be partially or totally unroofed. • Some old galvanized iron (G.I.) roofs may be peeled or blown off. • Some wooden, old electric posts are tilted or downed. • Some damage to poorly constructed signs/billboards • In general, the winds may bring light to moderate damage to the exposed communities. Most banana plants, a few mango trees, ipil-ipil and similar types of trees are downed or broken. • Some coconut trees may be tilted with few others broken. • Rice and corn may be adversely affected. • Considerable damage to shrubbery and trees with some heavy-foliaged trees blown down.

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TCWS	Luzon	Visayas	Mindanao	Impacts of the wind
1 (30-60 km/h winds prevailing or expected in 36 hours)	Batanes, the rest of Cagayan including Babuyan Islands, the rest of Isabela, Quirino, Apayao, the eastern portion of Kalinga (Rizal, Tabuk City, Pinukpuk, Tanudan), the eastern portion of Mountain Province (Paracelis, Natonin), the eastern portion of Ifugao (Alfonso Lista, Aguinardo), the northern and central portion of Aurora (Dipaculao, Baler, Dinalungan, Casiguran, Dilasag), Polillo Islands, the northern portion of Camarines Norte (Capalonga, Jose Panganiban, Paracale, Vinzons, Talisay, Daet, Mercedes, Basud), the northeastern portion of Camarines Sur (Siruma, Tinambac, Lagonoy, Garchitorena, Caramoan), and the northern portion of Catanduanes (Caramoran, Viga, Gigmoto, Panganiban, Bagamanoc, Pandan)	-	-	<ul style="list-style-type: none"> • Very light or no damage to low risk structures, • Light damage to medium to high risk structures • Slight damage to some houses of very light materials or makeshift structures in exposed communities. Some banana plants are tilted, a few downed and leaves are generally damaged • Twigs of small trees may be broken. • Rice crops, however, may suffer significant damage when it is in its flowering stage.
	TCWS #1 in other areas is hereby lifted.			
The public and the disaster risk reduction and management council concerned are advised to take appropriate actions and watch for the next Severe Weather Bulletin to be issued at 11 AM today.				

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